Docket No.: PTGF-03093

HIR.097

. IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Masanobu Senda, et al.

Serial No.:

Not Yet Assigned

Group Art Unit:

Not Yet Assigned

Filing Date:

Concurrently Herewith

Examiner:

Unknown

For:

SEMICONDUCTOR LIGHT EMITTING ELEMENT AND METHOD OF

MAKING SAME

Honorable Commissioner of Patents Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3), the relevance of these documents are discussed on pages 1, 2, 3, and 4 of the subject application. Further, English-language Abstracts are attached to some of the references.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

Sean M. McGinn

Registration No. 34,386

Date: 7

McGinn & Gibb, PLLC

Intellectual Property Law

8321 Old Courthouse Road, Suite 200

Vienna, VA 22182-3817

(703) 761-4100

Customer No. 21254

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		2000-021789	01/21/2000	Japan				M350		
		2000-357663	12/26/2000	Japan				ABS		
		11-130597	05/18/1999	Japan				ABS		
		2001-160657	06/12/2001	Japan				ABS		
		2002-164296	06/07/2002	Japan				ABS		
		OTHER DOCUM	MENTS (Includii	ng Author	r, Title, Date, Pertine	ent Pages, Etc.)	1			
		Yoshiaki Honda, et al. Facet-Controlled Epit L309-L312.	, "Transmission E axial Lateral Over	lectron Mi growth", J	croscopy Investigation Japanese Journal of Ap	of Dislocations in pplied Physics, Vo	GaNLayer G l. 40, April 1,	rown by 2001, pp.		
		Hiromitsu Mizutani, e Overgrowth)", Techn	t al., "Reduction o ical Report of IEIC	of dislocation of the second o	on density in GaN usin 0-22, CPM2000-7, SD	g FACELO (Face) M2000-22 (2000-0	t Controlled E 5), pp. 35-40.	pitaxial La	iteral	
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Form PTO-A820 (also form PTO-1449)

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	2	002-280609	09/27/2002	Japan				MBS		
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	γ.	OTHER DOCUM	•	-	, Title, Date, Pertino	- .				
		Kazuyuki Tadatomo, e Substrates Using Meta pp. L583-L585.								
		Motokazu Yamada, et Efficiency Using a Patt December 15, 2002, pp	al., "InGaN-Base terned Sapphire S b. L1431-L1433.	d Near-Ult ubstrate ai	raviolet and Blue-Ligh nd a Mesh Electrode ^R ,	nt-Emitting Diode Japanese Journa	es with High Ex Il of Phsysics, V	cternal Qua /ol. 41,	ntum	
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